

October 02, 2010

Ms. Marguerite Tanner  
Hovensa/Hess  
1 Estate Hope  
Christiansted, VI 008205652

RE: Project: 2DD Release/154 Strawberry  
Pace Project No.: 3519032

Dear Ms. Tanner:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

The pattern in the chromatogram does not match the hydrocarbon pattern from the LVGO.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Joe Vondrick

joe.vondrick@pacelabs.com  
Project Manager

Enclosures

cc: Ms. Joyce Wakefield, Hovensa/Hess

## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2DD Release/154 Strawberry  
Pace Project No.: 3519032

### Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174  
Alabama Certification #: 41320  
Arizona Certification #: AZ0735  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH 0216  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: LA090012  
Louisiana Environmental Certificate #: 05007  
Maine Certification #: FL1264  
Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity  
Montana Certification #: Cert 0074  
Nevada Certification: FL NELAC Reciprocity  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL765  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
Pennsylvania Certification #: 68-547  
Puerto Rico Certification #: FL01264  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
Virginia Certification #: 00432  
Wyoming Certification: FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 2DD Release/154 Strawberry

Pace Project No.: 3519032

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3519032001	154 Strawberry Hill	Water	09/24/10 04:06	09/29/10 12:10

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## SAMPLE ANALYTE COUNT

Project: 2DD Release/154 Strawberry

Pace Project No.: 3519032

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3519032001	154 Strawberry Hill	FL-PRO	JLY	3	PASI-O

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 2DD Release/154 Strawberry  
Pace Project No.: 3519032

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**Method:** FL-PRO  
**Description:** FL-PRO Water  
**Client:** Hovensa/Hess  
**Date:** October 02, 2010

**General Information:**

1 sample was analyzed for FL-PRO. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2DD Release/154 Strawberry

Pace Project No.: 3519032

**Sample: 154 Strawberry Hill**      **Lab ID: 3519032001**      Collected: 09/24/10 04:06      Received: 09/29/10 12:10      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>FL-PRO Water</b> Analytical Method: FL-PRO      Preparation Method: EPA 3510									
Petroleum Range Organics	<b>0.46</b>	mg/L	0.099	0.058	1	09/30/10 21:29	10/02/10 07:29		
C-39 (S)	90 %		42-193		1	09/30/10 21:29	10/02/10 07:29		
o-Terphenyl (S)	97 %		82-142		1	09/30/10 21:29	10/02/10 07:29	84-15-1	

## QUALITY CONTROL DATA

Project: 2DD Release/154 Strawberry  
Pace Project No.: 3519032

QC Batch:	OEXT/3184	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3510	Analysis Description:	FL-PRO Water
Associated Lab Samples:	3519032001		

METHOD BLANK: 122184 Matrix: Water  
Associated Lab Samples: 3519032001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	ND	0.10	10/02/10 04:18	
C-39 (S)	%	88	42-193	10/02/10 04:18	
o-Terphenyl (S)	%	97	82-142	10/02/10 04:18	

LABORATORY CONTROL SAMPLE: 122185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	4.5	90	55-118	
C-39 (S)	%			82	42-193	
o-Terphenyl (S)	%			96	82-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122186 122187

Parameter	Units	3519032001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/L	0.46	10	11.1	9.3	9.3	88	80	55-118	.7	20	
C-39 (S)	%						87	72	42-193			
o-Terphenyl (S)	%						102	98	82-142			

## QUALIFIERS

Project: 2DD Release/154 Strawberry

Pace Project No.: 3519032

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach